



**NIET**  
Greater Noida  
An Autonomous Institute

# PULSE

MONTHLY NEWSLETTER



MAR-2026



**Noida Institute of Engineering & Technology, Greater Noida**



## From the MD's Desk

I am delighted to witness the remarkable trajectory of NIET, Greater Noida. In recent years, our institution has made significant strides in technical excellence, innovation, and holistic development. It is deeply rewarding to see NIET contributing to the nation's growth by nurturing skilled professionals and responsible leaders – talent that aligns perfectly with the vision of a progressive, self-reliant India.

This monthly newsletter serves as a vibrant chronicle of our collective journey. Within these pages, we celebrate the milestones of our dedicated faculty and the achievements of our talented students, all of whom continue to strengthen the academic reputation of NIET. At the heart of our progress lies a guiding philosophy that defines our culture:

“ कर्म ही दीन है, कर्म ही ईमान है  
कर्म ही पूजा है, कर्म ही धर्म है। ”

This belief in dedication, integrity, and purposeful action is what drives us forward. Our faculty members remain at the forefront of academic excellence through impactful research and continuous knowledge creation. Simultaneously, we are deepening our focus on emerging technologies and industry-integrated learning, supported by world-class infrastructure and collaborative initiatives.

Equally inspiring is the spirit of our students. Their curiosity and creativity across academic and co-curricular platforms are a testament to the vibrant learning ecosystem we strive to maintain.

As we look ahead, our mission is clear: to sustain this momentum, refine our academic foundations, and empower our students to become both competent professionals and conscientious citizens. Together, we will continue to contribute meaningfully to the advancement of society.

I extend my warmest wishes to the entire NIET community on our continued journey toward excellence.

**Dr O P Agarwal**

Managing Director





# A Night of Music, Energy, and New Beginnings-Abhiyudaya 2026

Adding to the excitement was a high-energy DJ set by DJ Jenny, who kept the crowd on their feet with a vibrant mix of music and dance beats. The dynamic performances and engaging stage hosting turned the evening into a memorable celebration for the freshers. The evening concluded on a joyful note, leaving freshers with unforgettable memories and marking a warm and spirited welcome to the NIET family.



The campus of Noida Institute of Engineering and Technology (NIET) came alive with excitement on 12 February 2026 as the institute hosted "Abhiyudaya 2026 - The Freshers' Night," a vibrant celebration dedicated to welcoming the newest members of the NIET family. Held at the NIET campus in Greater Noida, the event marked the beginning of a new academic journey for first-year students across various programmes.



The evening was filled with enthusiasm as students, faculty, and staff gathered to celebrate together. The programme featured a lively mix of dance, music, and engaging stage activities, creating an electrifying atmosphere on campus. One of the biggest highlights of the night was the live performance by the popular musical duo Sachet-Parampara, whose energetic songs had the audience singing along and enjoying every moment.



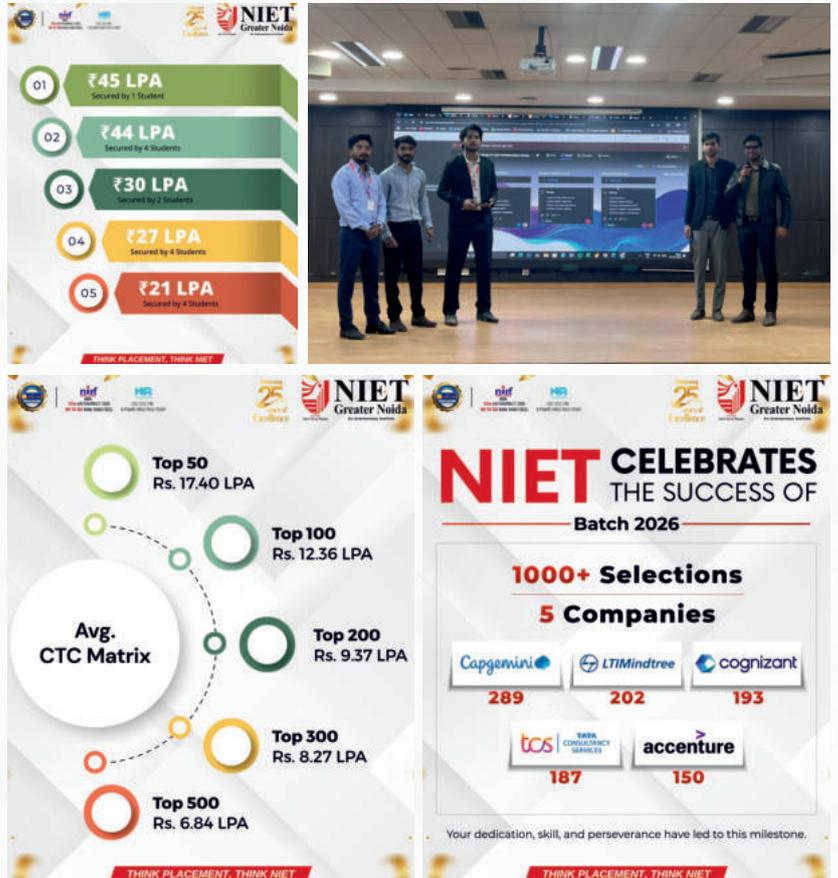


# A Defining Placement Milestone for Batch 2026

The Batch of 2026 has achieved a remarkable placement milestone with 1,000+ selections across five leading recruiters, showcasing the strength of academic excellence and industry readiness. Top global companies including Capgemini (289), LTIMindtree (202), Cognizant (193), Tata Consultancy Services (187), and Accenture (150) have recruited students, reflecting strong industry trust in the institute's talent pool.

The placement season has also witnessed impressive salary outcomes, with the highest package reaching ₹45 LPA, followed by offers of ₹44 LPA (4 students), ₹30 LPA (2 students), ₹27 LPA (4 students), and ₹21 LPA (4 students). The CTC matrix further highlights strong outcomes with Top 50 averaging ₹17.40 LPA, Top 100 ₹12.36 LPA, Top 200 ₹9.37 LPA, Top 300 ₹8.27 LPA, and Top 500 ₹6.84 LPA.

These achievements reflect months of rigorous preparation, dedicated mentorship, and a vibrant learning ecosystem that empowers students to excel in the global job market. The success of Batch 2026 stands as a testament to the institute's culture of excellence.



# SoMCON 2026 – International Conference

The NIET School of Management, Greater Noida, organized SoMCON 2026, a two-day international conference held on 20–21 February 2026, themed “Transforming Business Through Emerging Tech and Analytics: A New Paradigm for Learning and Innovation.” The conference brought together academicians, researchers, industry experts, and students to deliberate on the growing influence of emerging technologies and data analytics on contemporary business practices.



Mr. Alok Kumar Tripathi, Whole Time Director, NSGL, graced the inaugural session as the Chief Guest and emphasized the importance of innovation, skill development, and entrepreneurship in shaping future-ready organizations. The conference featured over 200 research paper presentations across multiple tracks, along with expert talks and panel discussions on themes such as digital transformation, business analytics, leadership in the digital era, and sustainable innovation. SoMCON 2026 provided a dynamic platform for knowledge exchange and meaningful collaboration between academia and industry.

**NIET SoMCON 2026**  
International Conference on  
Transforming Business Through Emerging Tech and Analytics: A New Paradigm for Learning and Innovation  
Organized by  
**NIET School of Management**  
In collaboration with  
**NIET Business School, Greater Noida**  
200+ research presentations and global leaders driving dialogue on AI, analytics, and digital transformation.



## Honoured with the Cisco Networking Academy Excellence Award 2026

A proud milestone was achieved with the conferment of the “Cisco Networking Academy Excellence Award 2026”, a prestigious recognition from Cisco, a global leader in networking and digital technologies. The award acknowledges outstanding contributions toward advancing digital skills, networking education, and industry-relevant training through the Cisco Networking Academy. The award was received by Dr Neema Agarwal, Additional Managing Director, along with Dr Arun Tripathi, Dean SCSET and Mr Amit Yadav, GM, CMC. This recognition highlights the collective efforts of the academic community in promoting high-quality technical education and equipping students with globally relevant networking and cybersecurity competencies. The achievement reflects a continued commitment to fostering innovation, strengthening industry-academia collaboration, and preparing students for the evolving digital landscape.



## Savishkar Startup Sangam 2026



**T**BI NIET – Greater Noida proudly participated as the Ecosystem Partner for *Savishkar Startup Sangam 2026*, a national startup conclave hosted by Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow, from 28 February to 1 March 2026. The event brought together startups, students, mentors, investors, and policymakers to foster innovation and entrepreneurial collaboration. Aligned with the vision of Viksit *Atmanirbhar* Bharat @2047, the conclave provided a dynamic platform for knowledge sharing, networking, and showcasing innovative ideas, encouraging young entrepreneurs to contribute to India's growing startup ecosystem.



## NIET Startup Showcases Innovation at India's Biggest AI Summit

NIET proudly celebrates *Nirwana Grid*, an innovative startup founded by 8th-semester NIET students Abhay Gupta, Chitvan Chaudhary, and Devansh Singh, for being selected to showcase their work at India's biggest AI Summit, held at Bharat Mandapam, New Delhi, from 16–21 February. The prestigious global platform brought together CEOs, policymakers, and world leaders to discuss and shape the real-world impact of Artificial Intelligence. The startup has been guided by Dr Sanjay Kumar, Head of TBI NIET, whose mentorship and support played a key role in this achievement. The recognition marks a proud milestone for TBI-NIET's incubation ecosystem, reflecting NIET's continued commitment to nurturing innovation and empowering students to transform ideas into impactful solutions.



## Inauguration of AI Centre of Excellence

NIET inaugurated a state-of-the-art AI Centre of Excellence powered by NVIDIA H100, marking a major step toward strengthening research and innovation in Artificial Intelligence. The facility will provide students and researchers with access to advanced computing infrastructure for developing AI models and working on cutting-edge projects. This initiative reflects NIET's commitment to building a future-ready learning environment and promoting innovation by integrating emerging technologies into academics, research, and industry-driven applications.





# The Power of Data: Exploring Modern Analytics with AI

The School of Computer Science & Engineering, Department of CSE organized an insightful seminar titled “The Power of Data: A Guest Lecture on Modern Analytics with AI” on 20 February 2026. The session was delivered by Saurabh Kumar, from S&P Global, Indian Institute of Management Visakhapatnam, who shared valuable industry insights on the growing importance of data analytics and artificial intelligence in modern organizations. Students gained exposure to advanced analytics tools such as Power BI, Python, R, Databricks, Snowflake, and cloud platforms like Azure and AWS. The seminar helped students understand the data analytics lifecycle, types of analytics, and emerging career opportunities in AI and Data Science, strengthening their industry awareness and encouraging them to develop data-driven skills for future careers.



# Glitch and Giggle 2026- Where Logic Meets Cyber Innovation

NIET organized *Glitch and Giggle 2026*, an engaging technical event that brought together students to test their skills in cryptography, debugging, and cybersecurity challenges. The event encouraged participants to solve complex problems, think analytically, and apply their technical knowledge in a competitive environment. Through hands-on tasks and team-based problem solving, students demonstrated creativity, collaboration, and resilience while tackling real-world cyber challenges. The event promoted experiential learning and cybersecurity awareness, helping students strengthen their technical abilities and preparing them for emerging opportunities in the field of cyber innovation and digital security.





## Innovation Meets Creative Expression – An Ad-MAD Show

The Genesis Club of the Department of CSBS organized an engaging AD-MAD Show on 6 February 2026 under the theme “Innovation with Tradition.” The event witnessed enthusiastic participation from B.Tech. second-year students, who presented creative live advertisements showcasing their acting skills, dialogue delivery, costumes, and stage presence. The activity promoted teamwork, public speaking, and marketing awareness, while encouraging students to explore innovative approaches to brand communication. The one-day offline event concluded with the announcement of winners, with outstanding performances impressing the judges through creativity and impact. Mr Neelaksh Sharma, Ms Riya Kumari, and Mr Hemant of B.Tech. second year (CSBS) secured the top positions in the competition.



## EmergeX Technical Club Conducts Hands-on Workshop on Web3

The EmergeX Technical Club at NIET, Greater Noida, organized a Hands-on Workshop on Web3 Development for undergraduate students on 20 Feb 2026 to introduce them to emerging decentralized technologies. Coordinated by student lead Mr Om Tiwari under the guidance of faculty coordinators Dr Atul Pratap Singh and Ms Ruchika, the session covered blockchain fundamentals, the evolution from Web1 to Web3, digital wallets, cryptocurrencies, and smart contracts. Live demonstrations illustrated blockchain transactions and decentralized applications, helping students understand real-world implementations. The interactive workshop also highlighted applications such as NFTs, DeFi, and DAOs, and concluded with insights on career opportunities and industry demand in blockchain and Web3 development.



## Industry Trends in Cyber Security - Alumni Interaction Session

The Alumni Cell of the School of Computer Science & Engineering organized an engaging alumni interaction session titled “Industry Trends in Cyber Security” on 6 February 2026. The session featured distinguished alumna Ms Priya Malik, currently serving as a Solution Delivery Manager at Deloitte, who shared valuable insights from her 13-year professional journey in cybersecurity. Students gained exposure to key areas such as Threat Intelligence, Incident Response, Security Operations Centre (SOC) operations, and AI-driven security systems. The interactive session also offered practical career guidance, emphasized the importance of certifications and continuous learning, and effectively bridged the gap between academic knowledge and real-world industry expectations.





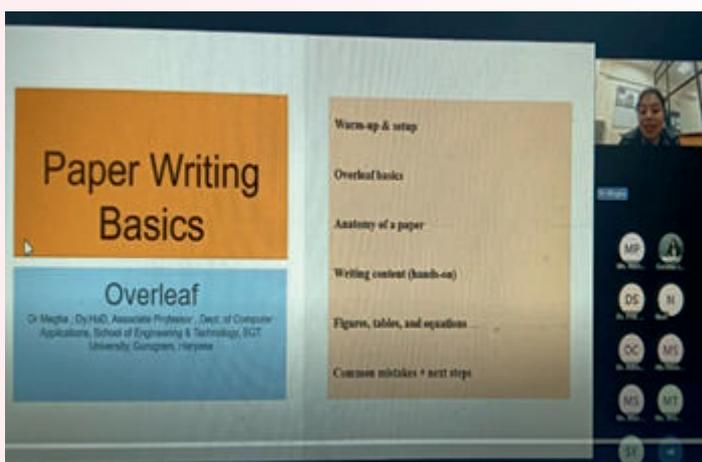
## Synapse & Syntax Event Encourages Coding Innovation and Technical Excellence

The Coders Era Community successfully organized “Synapse & Syntax” on 8 February 2026 at the Auditorium, NIET, Greater Noida, with participation from around 150 students. The event was coordinated by Student Coordinator Aditya Raj Srivastava under the guidance of Faculty Coordinator Ms. Ruchika. The programme aimed to promote innovation, technical excellence, and collaborative problem-solving among students. Participants engaged in interactive sessions focusing on coding practices, analytical thinking, and real-world technology applications. The event also introduced students to modern programming tools and emerging technologies, helping bridge the gap between theoretical knowledge and practical implementation while encouraging them to strengthen their technical competencies.



## Workshop on Research Paper Writing Skills Using LaTeX

The Department of CSE - DS organized an online workshop titled “Research Paper Writing Skills Using LaTeX” on 6 February 2026 via Microsoft Teams. The session was conducted by Dr Megha Chhabra, Associate Professor and Deputy HOD at SGT University, Gurugram. During the workshop, participants were introduced to the fundamentals of academic research writing and the use of LaTeX and Overleaf for professional research documentation. The speaker demonstrated the proper structure of a research paper, including formatting titles, abstracts, references, figures, tables, and equations. The interactive session, supported by live demonstrations, provided students and faculty with practical insights into preparing high-quality research manuscripts and adhering to publication standards, making the workshop a valuable learning experience.





## GitHub Copilot Meetup at Microsoft Noida

On 19 February 2026, a GitHub Copilot Meetup was organized at the Microsoft Sovereign Office, Noida, from 11:00 AM to 4:00 PM. Mr. Aditya Raj Srivastava, a second-year student of CSE (AI), attended the offline session. The meetup focused on the growing role of AI-powered coding assistants in modern software development. Experts demonstrated the practical use of GitHub Copilot, highlighting features such as real-time code suggestions, automated coding tasks, and enhanced development efficiency. The session also provided valuable insights into AI-assisted development workflows and best practices for integrating intelligent coding tools into software projects.



## NIPUN-II Workshop on Analytical Thinking and Business Aptitude

NIET Business School conducted a two-day workshop under the NIPUN-II Programme for the PGDM 2025-27 batch on 9-10 February 2026. The sessions focused on enhancing analytical thinking, structured problem-solving, and business aptitude.

Through interactive activities and practical exercises using MS Planner, students learned task planning, prioritization, and decision-making in simulated business scenarios.

The workshop provided valuable hands-on exposure and reinforced the importance of analytical and strategic thinking in management practice.



**NIET**  
Business School  
Greater Noida

UGC NEA AACSB

**NIPUN-II**  
Nurturing Industry Preparedness  
& Upskilling New-age Leaders

*Two-Day Workshop*  
on  
**Analytical Thinking & Business Aptitude**

9<sup>th</sup>-10<sup>th</sup> February 2026  
NIET Business School  
PGDM Batch: 2025-27

Resource Person  
**Dr. Pooja Kapoor**  
Associate Professor  
Area Chair - Business Analytics

Resource Person  
**Mrs. Nupur Tripathi**  
Associate Professor  
Business Analytics

Resource Person  
**Mr. Mayank Gupta**  
Associate Professor  
Business Analytics



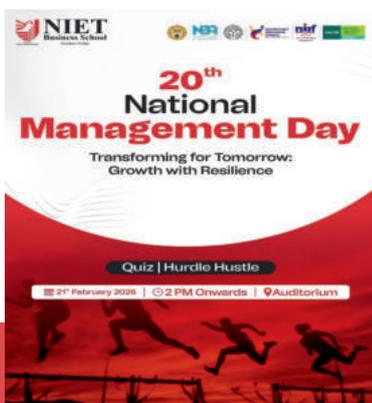
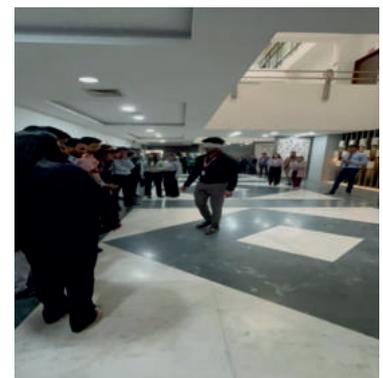
## Business School Students and Faculty Attend AI Summit at Bharat Mandapam

Students and faculty members of the Business School attended an AI Summit on 17 February 2026 from 12:00 PM to 4:00 PM at Bharat Mandapam, New Delhi. The summit brought together policymakers, industry experts, researchers, startups, and students to discuss the development and responsible use of Artificial Intelligence. The event featured keynote sessions, panel discussions, and interactive workshops on topics such as machine learning, generative AI, and data analytics. Participants gained insights into ethical AI, data privacy, and real-world applications across sectors such as healthcare, education, and business. The summit also provided valuable networking opportunities and enhanced participants' analytical, communication, and problem-solving skills while highlighting emerging career opportunities in the field of AI.



## Business School Celebrates 20th National Management Day

NIET Business School celebrated the 20th National Management Day on 21 February 2026 under the theme *"Transforming for Tomorrow: Growth with Resilience."* The event aimed to highlight the evolving role of management education in shaping responsible and future-ready leaders. The programme emphasized the importance of innovation, ethical leadership, and continuous learning in today's dynamic business environment. Mayank Kumar Pandey delivered an inspiring session, encouraging students to develop integrity, resilience, and a growth-oriented mindset. The celebration also featured an engaging management and a team activity titled Hurdle Hustle, promoting teamwork and problem-solving skills. The event concluded with certificate distribution and a group photograph, marking a memorable and enriching learning experience for students.





## Faculty Achievements



**Dr Anand Kumar Gupta**  
Professor & Head  
Department of Artificial Intelligence

Delivered an expert session on “Human Capital Enhancement for an AI-Ready Workforce” at Mangalmai Institute of Management and Technology, as part of the India AI Impact Summit 2026 and in alignment with the Government of India's vision of Atmanirbhar Bharat and Viksit Bharat. Dr. Gupta emphasized strategies for developing future-ready talent through upskilling, reskilling, and continuous learning, while also highlighting the importance of stronger industry–academia collaboration to prepare the workforce for the evolving demands of the AI-driven era.



**Mr Mayank Deep Khare**  
Assistant Professor & Head  
Department of IoT

Successfully completed the 40-hour APEX Faculty Development Programme (IoTDE) conducted by Tata Consultancy Services (TCS). This virtual programme enhanced his expertise in IoT and mentorship. This achievement reflects his dedication to academic excellence and continuous professional development.



**Dr. Sarika Agarwal**  
Associate Professor  
Department of CSE - AI

Delivered sessions in a two-day expert lecture series on “Artificial Intelligence with Machine Learning” organized on 21–22 February 2026 at IIT Roorkee in collaboration with Remarks Skill. The lectures covered key AI and ML concepts, including supervised and unsupervised learning, neural networks, and Convolutional Neural Networks (CNN), providing participants with valuable conceptual understanding and exposure to real-world applications.



**Dr Rashmi Sharma**  
Professor & Head  
Department of CYS

Delivered a one-day technical guest lecture titled “Understanding Research Practices” on 6 February 2026. The lecture was organized by the Department of Computer Science and Engineering at Noida Institute of Engineering and Technology, Greater Noida, in collaboration with the IEEE Student Branch NIET and the DRC under the Dean R&D. During the session, she provided valuable insights into the systematic process of conducting research, including problem identification, literature review, methodology design, data analysis, and drawing meaningful conclusions. The lecture encouraged students to develop critical thinking, identify research gaps, and adopt a structured research mindset, reinforcing the institute's commitment to innovation and academic research aligned with SDG Goal 9 (Industry, Innovation, and Infrastructure).



**Ms Aditee Mattoo**  
Asst Prof & Deputy Head  
Department of CSE (M.Tech Integrated)

Successfully completed the Wipro Certified Faculty Program on Advanced Java Full Stack conducted by TalentNext at Wipro Campus, Sholinganallur, Chennai from 9–20 February 2026. The program focused on advanced Java programming aligned with industry standards and provided hands-on training in RESTful web services, microservices architecture using Spring Boot, CI/CD practices with Jenkins, and application deployment on AWS. She was recognized as a Wipro Certified Faculty pan-India, reflecting her commitment to professional development and industry-aligned teaching.

Served as an expert speaker in the Faculty Development Programme on Entrepreneurship and Sustainability in Smart Manufacturing and Electric Mobility organized by the Department of Mechanical Engineering from 27 January to 2 February 2026. His insightful session enriched the participants with valuable knowledge and practical perspectives in the domain of smart technologies and sustainable innovation.

**Mr Jaya Nidhi Vashishtha**  
Assistant Professor  
Department of IoT



**Ms Swati**  
Assistant Professor  
Department of CSE

Ms Swati was honoured for her Scopus-indexed publication titled “ASEIP: Adaptive Secure Energy-Efficient IoT Protocol for Unified Terrestrial and Underwater IoT Environments,” which focuses on secure and energy-efficient IoT communication systems.

Ms Neeti Taneja received the award for her paper “Energy Aware Resource Management in 6G IoT Networks Using STAR RIS,” published in Scientific Reports, an open-access SCI-indexed journal, highlighting advancements in energy-efficient IoT systems.

**Ms Neeti Taneja**  
Assistant Professor  
Department of CSE



**Dr Mohd Nazim**  
Assistant Professor  
Department of CSE

Dr Mohd Nazim was recognized for his publication “Protecting Data in the Cloud: A Systematic Literature Review of Key Management,” published in Concurrency and Computation: Practice and Experience, an SCIE-indexed journal focusing on parallel and distributed computing systems.





**Ms Garima Jain**  
Assistant Professor  
Department of CSBS

Was honoured with the Best Faculty Women Award by EMATIX, in collaboration with MSME and approved by the Ministry of Corporate Affairs, Government of India, in recognition of her excellence in academics and research.



**Dr Arun Kumar Tripathi**  
Professor & Head  
Department of CS

Served as Session Chairs at the IEEE International Conference on Sustainable Engineering and Technology Innovations (ICSETI-2026), held on 5-6 February 2026. Organized at the JSS Academy of Technical Education, Noida, the conference provided a platform for these faculty members to lead technical discussions and evaluate emerging research in the field of sustainable engineering and technology.



**Dr Kanika Singhal**  
Assistant Professor  
Department of CS



**Dr Kanika Singhal**  
Assistant Professor  
Department of CS



**Mr Anshul Varshney**  
Assistant Professor  
Department of CS

Served as Reviewers for the IEEE International Conference on Sustainable Engineering and Technology Innovations (ICSETI-2026), held on 5-6 February 2026. Their contributions to the technical review process for this conference, hosted at the JSS Academy of Technical Education, Noida, were instrumental in maintaining the academic rigor and quality of the research presented in the field of sustainable engineering.



**Ms Arhina Ghosh**  
Assistant Professor  
Department of CS



**Mr Ajay Kumar**  
Assistant Professor  
Department of CS



**Dr Divya Singhal**  
Assistant Professor  
Department of CS



**Mr Ajay Kumar**  
Assistant Professor  
Department of CS

Successfully earned the prestigious Machine Learning Engineer – Associate certification from Amazon Web Services (AWS). This globally recognized credential validates his expertise in designing, implementing, and maintaining machine learning solutions using the AWS cloud ecosystem. This achievement highlights his commitment to staying at the forefront of industry-standard AI technologies and cloud-based computational intelligence.



### Mr Yaduvir Singh

**Assistant Professor & Deputy Head, Department of AI**

Published a research paper titled “Integrated Ensemble Strategy for Breast Cancer Detection Using Dimensionality Reduction Technique” in the journal ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, Vol. 14 indexed in Scopus. The study focuses on enhancing breast cancer detection using advanced ensemble learning methods combined with dimensionality reduction techniques, contributing to the development of more accurate AI-driven diagnostic systems in healthcare.

### Dr Sonia Arora

**Assistant Professor & Deputy Head, Department of AIML**

Published a research paper titled “A Survey on Artificial Intelligence-Enabled Vehicular Ad-Hoc Networks (VANETs) for Smart Automotive Systems” in the International Journal of Computer Networks and Applications (Scopus Indexed), published by EverScience Publications. The paper explores the role of artificial intelligence in enhancing communication, safety, and efficiency in smart automotive systems through AI-enabled VANET technologies.



### Dr Divya Mishra

**Associate Professor, Department of AIML**

Presented a conference paper titled “Digital Health Records and E-Governance: Advancing Age-Friendly Healthcare Systems” at the International Conference on Recent Smart Technologies in Engineering for Sustainable Development, published by IEEE. The research highlights the significance of digital health records and e-governance in improving healthcare accessibility and efficiency for elderly populations.



### Ms Sanchi Kaushik

**Assistant Professor, Department of AIML**

Contributed a book chapter titled “Digital Marketing” in the book The Future of Engineering Innovation: Smart Technologies and Advanced Design, published by Chyren Publication (2026). The chapter discusses the growing importance of digital platforms and modern marketing strategies in the evolving technological and business landscape.





**Ms Suman Rani**

**Assistant Professor, Department of AIML**

Presented a conference paper titled "The Power of Trust in Recommender Systems: Improving Outcomes and Reducing Noise" at the 2nd Global AI Summit – International Conference on Artificial Intelligence and Emerging Technology, published by IEEE. The study emphasizes the role of trust-based mechanisms in enhancing the accuracy and effectiveness of recommender systems.



**Dr Richa Mittal**

**Assistant Professor & DSW Coordinator  
Department of Biotechnology**

Published a patent titled "Time Synchronized Narrowband UV-B LED Illumination System." This achievement marks a milestone and reflects the team's commitment to innovation and research in the field of biomedical technology. It also highlights the collaborative spirit between faculty and students in advancing meaningful scientific solutions.



**Dr Neeraj Agarwal**

**Assistant Professor  
Department of Biotechnology**

Published a book chapter, "Computational Tools for Design and Analysis of RNAs" in the book "RNA Synthetic Biology". The chapter highlights the crucial role of RNA in protein synthesis and gene regulation and explains how computational tools have revolutionized RNA research. This accomplishment reflects a valuable contribution to the field of molecular and computational biology.

**Ms Arhina Ghosh**

**Assistant Professor, Department of CS**

Published a research paper titled "Multimodal Pain Recognition: Integrating Facial Expressions and Biomedical Signals with Deep Learning" in the proceedings of the 2nd Symposium on Smart, Sustainable, and Secure Internet of Things (S4IoT'25). The work is published by Springer Nature, Singapore, in the series Lecture Notes in Electrical Engineering (LNEE), Vol. 1513, and is indexed in Scopus. Her research explores the integration of visual cues and physiological data through deep learning to improve pain assessment, marking a significant advancement in smart healthcare monitoring and automated diagnostic technologies.

Presented a conference paper titled "Capturing Chronic Condition Variance: A Spectrogram-to-Latent-Space Differentiation via Autoencoders" at the International Conference on Signal

Processing and Computer Vision (SIPCOV 2025), Silchar, India. The work is published by Springer in the series Communications in Computer and Information Science (CCIS), Vol. 2848, and is indexed in Scopus. The study explores the use of autoencoders to differentiate chronic condition variances through latent-space mapping, contributing to the precision of signal-based health monitoring.

Presented a conference paper titled "Unveiling Cognitive Dissonance in Pain Perception Through Cluster-Based Subject Modelling" at the International Conference on Signal Processing and Computer Vision (SIPCOV 2025), Silchar, India. The research is published in Communications in Computer and Information Science (CCIS), Vol. 2848, and is indexed in Scopus. This study utilizes cluster-based modelling to analyze complexities in pain perception, offering new insights into how subject-specific data can improve the accuracy of patient-centred diagnostic models.





**Dr Arun Kumar Tripathi**

**Professor & Head, Department of CS**

Published a research paper titled "Computational design and screening of novel dipeptide analogues as potent antileptotic agents against alanine racemase and ligase" in the journal Letters in Drug Design & Discovery, indexed in both Scopus and SCIE (Impact Factor: 1.6).

The study utilizes advanced computational screening to develop specialized dipeptide analogues aimed at combating leprosy, contributing to the pharmaceutical advancement of potent antileptotic agents through targeted enzyme inhibition.



**Dr sangeeta Arora**

**Professor, Department of CS**

Published a research paper titled "A Novel Machine Learning Based Phishing Link Detection in Social Media" in the proceedings of the 2025 5th International Conference on Advancement in Electronics & Communication Engineering (AECE). The study introduces a sophisticated machine learning framework designed to identify and intercept malicious phishing links across social platforms.

The research addresses critical cybersecurity challenges by enhancing automated threat detection and safeguarding user data in digital communication environments.



**Dr Kanika Singhal**

**Assistant Professor, Department of CS**

Authored a book titled Data Structures & Algorithms Using C published by BFC Publications. The book is a comprehensive, student-friendly guide that clearly explains fundamental data structures and algorithms through practical C programs, real-world examples, and exercises, helping learners build strong programming and problem-solving skills for academics, interviews, and competitive exams.



**Dr Divya Mishra**

**Assistant Professor  
Department of AIML**



**Dr Kanika Singhal**

**Assistant Professor  
Department of CS**



**Dr Sangeeta Arora**

**Professor  
Department of CS**



**Arhina Ghosh**

**Assistant Professor  
Department of CS**



**Apoorv Jain**

**Assistant Professor  
Department of CS**



**Anshul Varshney**

**Assistant Professor  
Department of CS**

Faculty members from AIML Department & CS Department filed and published a patent titled "Secure and Decentralized IoT Architecture Using Blockchain for Device Authentication, Access Control, and Data Integrity" (Application No: 202611005027). Published by the Indian Patent Office (IPO). The invention falls under the domain of Computer Science and IoT. The patent details a blockchain-driven framework designed to enhance security, ensure data integrity, and streamline authentication across decentralized IoT networks.



### Dr Deepti Gupta

**Professor & Head, Department of CSBS**

Published a research paper titled “Towards Intelligent Retail Security: ConvLSTM-Based Shoplifting Detection with Adam Optimization” in the DEGRES Journal, a Scopus-indexed publication.

Published another research paper titled “Sentiment flow: Modelling Twitter conversations as graphs using graph neural networks for fine-grained emotion detection”, in the Proceedings of the IEEE 4th World Conference on Applied Intelligence and Computing (AIC).

### Ms Garima Jain

**Assistant Professor, Department of CSBS**

Published the following three book chapters:

“Challenges of IoT-Based Healthcare Ecosystem and Possible Remedies” in CRC Press (Scopus Indexed), featured in the book IoT, Blockchain, and Smart Healthcare. The chapter addresses key challenges in IoT-enabled healthcare systems and proposes practical solutions for secure and efficient implementation.

“AI-Driven IoT, Federated Learning, and Surgical Robotics: Revolutionizing Smart Healthcare” in the book Surgical Robots in Smart Hospitals, published by John Wiley (Scopus Indexed). The work explores the integration of AI technologies with surgical robotics to advance smart healthcare systems.

“Securing the Smart Revolution: Navigating Security and Privacy Concerns in Industry 4.0 vs. Industry 5.0” in the book Applications of Artificial Intelligence in 5G and Internet of Things, published by CRC Press (Scopus Indexed). The chapter examines emerging security and privacy challenges and presents strategic safeguards for intelligent systems.



### Ms Bandana Kumari

**Assistant Professor, Department of CSBS**

Was Granted an Indian Patent for the innovation titled “Token Based Session Enabled Algorithm for Predictive Analytics for Cloud-Based Load Balancing.”



### Ms Aditee Mattoo

**Assistant Professor & Deputy Head (M.Tech. Int.)  
Department of CSE**

Published a book chapter titled “Digital Marketing” in the book The Future of Engineering Innovation: Smart Technologies and Advanced Design, published by Chyren Publication (2026). The chapter highlights emerging digital marketing strategies, data-driven tools, and smart technologies transforming modern business and engineering ecosystems.



### Dr Mohd. Nazim

**Assistant Professor, Department of CSE**

Published a research article titled "A Holistic Strategy for Choosing Software Requirements through Multi-Criteria Intuitionistic Fuzzy TOPSIS" in the International Journal of System Assurance Engineering and Management, indexed in ESCI and Scopus (Q2). The study proposes a decision-making framework integrating Intuitionistic Fuzzy Sets with TOPSIS to address uncertainty in software requirement selection and demonstrates reliable results and improved efficiency through a case study on an Institute Examination System.

### Ms Swati

**Assistant Professor, Department of CSE**

Presented the following three research papers at the 14th International Conference on System Modelling and Advancement in Research Trends (SMART) in February 2026. The conference proceedings are indexed in Scopus.

- A Machine Learning-Based Weather Prediction Model with User-Friendly Interface for Agricultural Decision Support," which develops a machine learning-based weather prediction system with an intuitive interface to support informed agricultural decision-making and improve farm planning.
- A Smart Healthcare Monitoring Framework Integrating IoT and AI for Real-Time Patient Health," which proposes an integrated IoT and AI-based framework for real-time patient health monitoring to enhance healthcare efficiency through intelligent data analysis and timely medical insights.
- Leveraging Attention and Gradient Boosting for Breast Cancer Diagnosis: A TabNet and LightGBM Approach," which explores the use of attention-based TabNet and LightGBM models to improve the accuracy and reliability of breast cancer diagnosis using advanced machine learning techniques.



### Dr Mohd Sazid

**Assistant Professor, Department of ECE**

Published a research paper in the prestigious Nature Scientific Reports (SCIE | IF 4.3 | Q1).

His work on miniaturized RF reconfigurable bandpass filters advances next-generation communication systems with high tuning agility and stable performance.

### Ms Vatika Jalali

**Assistant Professor & Deputy Head, Department of IoT**

Published her patent titled "Smart Utility Meter Enhanced by AI Prediction and Method Thereof". This reflects her dedication towards research and technological innovation.





**Ms Savita Yadav**

Assistant Professor  
Department of IoT

Secured the acceptance and publication of their design application under the Government of India. The design has been officially accepted and published in Journal No. 08/2026 dated 20 February 2026. This achievement highlights their commitment to research, creativity, and innovation, and reflects their continuous efforts toward contributing meaningful advancements in their field.



**Ms Vatika Jalali**

Asst Professor & Deputy Head  
Department of IoT



**Dr Ankur Sisodia**

Assistant Professor, Department of IoT

Authored the following two conference papers published by IEEE. His work highlights innovative integration of IoT and Artificial Intelligence for real-time healthcare monitoring.

- “A Smart Healthcare Monitoring Framework Integrating IoT and AI for Real-Time Patient Health”
- “A Machine Learning-Based Weather Prediction Model with User-Friendly Interface for Agricultural Decision Support”

**Ms Smrita Chaubey**

Assistant Professor, Department of IoT

Registered design patent titled “Device for Monitoring Maintenance Activities in Manufacturing Systems” with the Patent Office, Government of India under the provisions of the Designs Act, 2000 and the Designs Rules, 2001. This accomplishment reflects her innovative contribution to smart manufacturing systems and highlights her active engagement in research and technological advancement in the domains of IoT and industrial automation.



**Ms Vartika Kesarwani**

Assistant Professor, Department of IoT

Presented conference paper titled “Eco-Adaptive Threat Intelligence: A Low Power Federated Learning Framework for Securing Edge-IoT Clusters” at AIDSIOT-2026, organized by GNIOT Institute of Professional Studies in collaboration with the Computer Society of India.



**Dr Shormita Bose**

Assistant Professor  
Department of English

Authored a book titled “Inclusive Dialogue: Understanding Gender Dynamics in Communication,” published by Bluerose Publication. The book provides an extensive understanding of how gender shapes and is shaped by communicative interactions in various contexts, ultimately promoting more inclusive and effective communication practices.



**Dr Piyali Gope**

Assistant Professor  
Department of English



**Dr Meeraz Hoque**

Assistant Professor, Department of English

Presented a conference paper titled “Oral Mnemonics and Memory Techniques in Fictional Structure: An Indian Knowledge System (IKS) Approach” at the Two-Day National Seminar on Bhartiya Bodh: Reviving Indian Knowledge System for Modern Education, organised by IQAC, Government College of Education, Jammu (Cluster University of Jammu) in collaboration with VBUSS, J&K Ladakh Prant, and sponsored by the Indian Council of Philosophical Research (ICPR), New Delhi, held on 5–6 February 2026 at GCOE Jammu, India. The presentation explored the role of traditional mnemonic strategies within fictional narratives through the lens of the Indian Knowledge System (IKS), highlighting their relevance for enhancing memory, learning, and knowledge transmission in contemporary education.

**Ms Ritanshi Gaur**

Assistant Professor, Department of English

Presented a conference paper titled “Between Caste and Gender: Cultural Marginality in the Life Narratives of Dalit Women” at the International Conference “Probing Humanities, Positioning Human-[i]-ties: New Paradigms and Shifts in the 21st Century”, organised by the Vivekananda School of English Studies (VSES), Vivekananda Institute of Professional Studies–TC, affiliated with Guru Gobind Singh Indraprastha University, New Delhi, held on 26–27 February 2026. The paper examined the intersection of caste and gender in Dalit women's life narratives, highlighting issues of cultural marginality and representation within contemporary literary and social discourse.



**Ms Pooja S.**

Assistant Professor, Department of English

Authored a book chapter titled “The Multimodal, Pragmatic and Neurological Paradigm of Gen Z Reading” in an edited book Cultural Trends and Literature in Global Perspectives published by Pacific Books International. The chapter is about how Generation Z reads and interprets texts in the digital age by combining insights from multimodality, pragmatics, and neuroscience.



**Ms Shreya Bhardwaj**

**Assistant Professor, Department of English**

Authored a book chapter titled “Literature in the Age of Social Media: Changing Reading Habits of Young Adults” in an edited book Cultural Trends and Literature in Global Perspectives published by Pacific Books International. The chapter examines how social media platforms are reshaping the reading habits of young adults, influencing how literature is consumed, interpreted, and shared in the digital age. It explores the impact of short-form content, online communities, and digital interactions on literary engagement and reading culture.



**Dr Rajesh Kumar**

**Professor & Head, Department of Physics**

Published a research paper titled “Study of nuclear shapes of some even nuclei” in the Nuclear Physics A Journal, indexed in Scopus and SCIE. The paper examines whether certain atomic nuclei behave as  $\gamma$ -rigid or  $\gamma$ -soft structures at low spin and low excitation energies, an important question in nuclear structure physics. The study analyses nuclear deformation characteristics to better understand the shape dynamics and collective behaviour of even nuclei



**Dr Sonia Munjal**

**Professor & Head  
Deptt of Management**



**Dr Simran Kaur**

**Assistant Professor  
Deptt of Management**



**Ms Preeti Singh**

**Assistant Professor  
Deptt of Management**



**Mr Harsh Awasthi**

**Assistant Professor  
Deptt of Management**

Jointly authored a book titled Management Concepts and Organizational Behaviour. The publication presents key principles of management and organizational behaviour, offering valuable insights into leadership, organizational dynamics, and workplace effectiveness. The book aims to serve as a useful academic resource for students and professionals seeking to strengthen their understanding of modern management practices and organizational development.





## Students' Achievements

### Innovative Minds at Work: Participation in Bio-Circular Innovation Sprint 2026

Students from NIET enthusiastically competed in The Bio-Circular Innovation Sprint organized by Chandigarh University as part of Innovfest 2026. The competition was conducted in two phases – Phase 1 (Online) on 13 February 2026 and Phase 2 (Offline) on 20 February 2026. The students explored innovative ways to identify “waste-to-value” opportunities in a rapid ideation competition. The participants focused on transforming agrifood and bioprocess waste into high-value sustainable products. The esteemed industry partners Rapture Biotech International (P) Ltd. and Hanna Equipments (India) Pvt. Ltd. supported the event by providing valuable industry mentorship and exposure to the participants. The competition also offered a prize pool of ₹10,000, along with the recognition and prestige of being an Innovfest 2026 winner. Students' participation in such a prestigious event reflects innovative thinking, dedication, and confidence.



**Mr Aditya Upadhyay**



**Mr Shourya Pandey**

Mr Aditya Upadhyay & Mr Shourya Pandey 3rd-year students of **B.Tech. Computer Science** (Batch 2023–2027), have successfully qualified as **Global AWS Certified Cloud Practitioners**. This prestigious certification validates their foundational knowledge of Amazon Web Services cloud platform, including core services, security, and architecture. This accomplishment highlights the technical proficiency and industry readiness of our students in the rapidly evolving field of cloud computing.



**Mr Saurabh Dixit**

Mr Saurabh Dixit, a 3rd-year student of **B.Tech. Computer Science** (Batch 2023–2027), has successfully qualified as a **Global AWS Certified AI Practitioner**. The certification recognizes his expertise in artificial intelligence and machine learning concepts within the AWS ecosystem. This milestone reflects his dedication to mastering cutting-edge technologies and strengthens the academic excellence of our department in the field of AI.



**Ms Kumari Aditi**

Ms Kumari Aditi, a final-year student of **B.Tech. Computer Science** (Batch 2022–2026), has achieved a remarkable milestone by qualifying the UGC NET JRF with an outstanding 99.68 percentile score. This prestigious achievement (Application No: 250520394258) highlights her exceptional academic calibre and research potential at a national level. Her success brings immense pride to the department and serves as an inspiration to her peers pursuing excellence in higher education and research.



**Mr Aman Singh Bhadoriya**

Mr Aman Singh Bhadoriya, 2nd Year DS student secured the first position in Figmastry 3.0, a UI/UX design competition organized by the Department of Computer Science and Engineering. The event aimed to encourage creativity and design thinking among students while enhancing their skills in user interface and user experience design using the Figma platform. Figmastry promoted innovation, collaboration, and problem-solving, reflecting the institute's commitment to fostering technical creativity and industry-relevant design skills among students.



NIET students showcased exceptional innovation and aerial expertise at national-level drone competitions, earning accolades across premier institutions.

\* 3rd Place | Aeromania | GNIOT

\* 2nd Place | KALRAV | DDUC

\* 2nd Place | Drone Race | DTU

\* 4th Place | SkyRush | IIT Delhi

Competing across premier institutions, our teams demonstrated precision, innovation, and strong teamwork, making their mark in the Drone Arena with remarkable performances.



Mr Ayush Gunjan



Ms Rijul Tomar



Mr Sumit Tiwari



Mr Mayank Dixit



Mr Kapil



Mr Mayank Chaudhary



Mr Himanshu Verma



Mr Karan Chaudhary



Mr Manish Rawal



Mr Shubham Prohit



Mr Tanish Rawal



Mr Swastik Shivam



Mr Divya Pratap Singh

## NSS Club Events

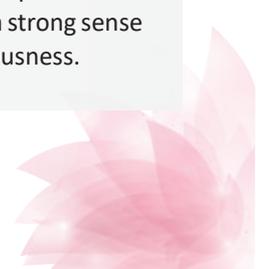
### Gaushala Visit and Old Age Home Visit

The NSS Unit of NIET organized a social outreach activity on 22 February 2026 with 11 student participants. The visit aimed to promote compassion, empathy, and social responsibility toward animals and elderly citizens. Students assisted at a gaushala and spent time interacting with residents of an old age home, offering support and distributing essentials. The activity enhanced students' sense of kindness, teamwork, and community service while raising awareness about animal welfare and care for senior citizens.



### Cleanliness Drive

A Cleanliness Drive was organised on 21 February 2026 at NIET Plot 15 by the institute's NSS unit. The activity aimed to promote hygiene, environmental awareness, and social responsibility among students and the community. Volunteers actively participated in cleaning surrounding areas, collecting waste, and spreading awareness about proper waste disposal and hygienic practices. The initiative aligned with the vision of Swachh Bharat Abhiyan and encouraged community participation. The drive helped students develop teamwork, leadership, and a strong sense of civic responsibility while fostering environmental consciousness.





## A Visit to AI Impact Summit

The institute's NSS volunteers visited the AI Impact Summit at Bharat Mandapam from 16–20 February 2026, gaining enriching exposure to the evolving world of Artificial Intelligence. The summit emphasized responsible, inclusive, and ethical AI aligned with global sustainable development goals. Through expert sessions, panel discussions, and innovation showcases, students developed a deeper understanding of AI applications in healthcare, education, governance, and climate action. The experience provided valuable learning, industry exposure, and insights into emerging trends and policies. Overall, the visits significantly enhanced students' knowledge of ethical AI practices and broadened their perspective on leveraging technology for sustainable and impactful solutions.



## Yoga Sessions for Mindful Living

The NSS Unit of the institute organized daily morning yoga sessions in hybrid mode from 9–23 February 2026, with participation from 50 students and one faculty member. The initiative aimed to promote physical fitness, mental well-being, and a healthy lifestyle among volunteers. Students actively conducted and practiced yoga sessions each morning, focusing on basic postures, breathing techniques, and meditation under guided instruction. The sessions enhanced concentration, self-discipline, and stress management skills while reinforcing the habit of regular practice. Overall, the activity fostered awareness about holistic health and motivated students to incorporate yoga into their daily routine.



## Blood Donation Drive – A Step Towards Saving Lives

NIET, Greater Noida, in collaboration with the Rotary Club, Rotaract Club NIET, NSS, and the Indian Red Cross Society, organized a Blood Donation Drive on 24 February 2026 at EPAC, NIET Plot 15, starting from 10:00 AM onwards. The event aimed to promote the spirit of social responsibility and encourage voluntary blood donation among students and faculty. The drive witnessed enthusiastic participation from students, staff members, and volunteers who came forward to contribute to this noble cause. Medical professionals ensured a safe and smooth donation process while also spreading awareness about the importance of regular blood donation. The initiative successfully reinforced the message that a single donation can save multiple lives, inspiring the NIET community to continue supporting humanitarian causes.



## Namaste Japan Fest Visit

Students from NIET visited the Namaste Japan Fest held at the Garden of Five Senses on 7 February 2026. The visit aimed to promote cultural exchange and understanding between India and Japan. Students explored Japanese art, music, cuisine, anime, and traditional practices through interactive exhibits and performances. The visit provided valuable exposure to global cultures and encouraged appreciation of international traditions and collaboration. Overall, the experience enhanced cultural awareness and fostered a spirit of global learning among students.



## Meet & Greet Sessions

A series of Meet & Greet sessions were organized by the NSS unit of the institute on 3, 16, 19, and 24 February 2026 at EPAC, Plot-15. The sessions aimed to plan and coordinate upcoming social service activities while strengthening teamwork and volunteer engagement. Discussions focused on event planning, role allocation, and reviewing past activities to identify improvements. Volunteers actively shared ideas and received guidance to enhance the effectiveness of future initiatives. The sessions helped develop leadership, communication, and organizational skills, fostering a strong sense of responsibility and collaboration among participants.





## Editorial Note: Reflecting the Vibrant Spirit

### Dear Reader

Welcome to this March '26 edition of Pulse. This publication is more than a collection of updates; it reflects the energy, dedication, and achievements that define our academic community. Every month brings new opportunities to learn, grow, and celebrate the collective efforts of our faculty and students.

From professional development programmes to creative student initiatives, this issue highlights our shared commitment to innovation and continuous improvement. We extend our sincere gratitude to everyone who contributed to this issue and to our readers for their continued support.

This was a month of institutional milestones. Our excellent placements reflect the steadfast commitment to industry readiness which has yielded historic results. This month, over 1,000 brilliant students secured placements across five top-tier companies, with the highest package reaching an outstanding 45 Lakhs Per Annum (LPA). This monumental achievement speaks volumes about the calibre of our students and the exceptional mentorship of our educators.

In the area of technology and innovation, NIET has taken a massive leap forward in advanced computing. We officially inaugurated our state-of-the-art, AI Centre of Excellence, powered by the NVIDIA H100. On a global stage, NIET proudly showcased innovations at the prestigious AI Summit at Bharat Mandapam. Our Ecosystem Partnership in the Savishkar Innovation Festival has reinforced our position as a premier hub for creative engineering. It didn't come as a surprise that we received the Cisco Networking Academy Excellence Award 2026 for our pursuit in digital upskilling.

Our students are also excelling far beyond the classroom. Our tech enthusiasts represented NIET in high-stakes drone races at the University of Delhi and IIT Delhi, demonstrating remarkable ingenuity in next-generation technology.

On the campus, our newest batch of students were accorded a warm welcome with *Abhiyudaya '26*, our grandest Freshers' Party to date. The campus was transformed into a hub of excitement, beginning with the high-energy beats of DJ Jenny. The highlight of the evening was an unforgettable live concert by the celebrated duo Sachet Tandon and Parampara Thakur. Their soulful and energetic performances created a joyful environment, bringing the entire campus community together for a truly memorable experience.

In conclusion, whether you are building drones, securing dream jobs, or celebrating together, you continue to make NIET shine brighter. We wish you all a fantastic, productive, and inspiring month ahead.

Stay Connected. Stay Inspired.

Team Pulse

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